

166427

**Subject: RE: Sauget Sediment Removal - Confirmation Sampling Protocol**

**Date:** Fri, 30 Nov 2001 13:48:59 -0600

**From:** Turner.Kevin@epamail.epa.gov

**To:** "Light, D Michael" <dmligh@solutia.com>

**CC:** jfiore@maverick-cm.com

I agree with most of your assessment. However, some analysis pursuant to the UAO is still needed.

Let us change the analysis requirement accordingly.....

Within each segment Solutia should analyse pursuant to the UAO for at least 1 to 2 samples, depending on how many samples are to be taken. The sample locations pursuant to the UAO should be selected randomly and represent various creek sediment conditions. Please consult with my oversight personnel before sample locations are finalised.

For example Creek Segment - B, 2 samples pursuant to the UAO and the remaining samples for totals only.

Creek Segment - C, 1 sample pursuant to the UAO and the remaining samples for totals only.

Creek Segment - D, 1 sample pursuant to the UAO and the remaining samples for totals only.

Creek Segment - E, 2 samples pursuant to the UAO and the remaining samples for totals only.

Creek Segment - F, 2 samples pursuant to the UAO and the remaining samples for totals only.

I hope this helps answer your questions and helps to facilitate this sampling effort

Kevin Turner  
U.S. EPA  
(618) 997-0115

"Light, D Michael" <dmligh@solutia.com> on 11/30/2001 12:12:00 PM

To: KEVIN TURNER/R5/USEPA/US@EPA

cc: jfiore@maverick-cm.com, "Yare, Bruce S" <bsyare@solutia.com>, "Smith, Steven D" <sdsmit@solutia.com>

bcc:

Subject: RE: Sauget Sediment Removal - Confirmation Sampling Protocol

Kevin,

Thanks for responding to Solutia's request for the modifications to the confirmation sampling protocol.

One additional suggestion. As I pointed out in my August 20, 2001 letter, according to the May 31, 2000 Sediment Removal UAO, "The post removal sampling results will be used in the Area One EE/CA and RI/FS processes to determine

what, if any, excavated areas in addition to CS-B may require further remediation under the EE/CA process.",

In your attached letter, you request that Solutia analyze the confirmation samples pursuant to the UAO, "...extracted using TCLP and analyzed for Total Compound List/Total Analyte List (TCL/TAL) parameter and dioxin/furans...". While the TCLP data would be useful in assessing potential residual risks associated with groundwater, a Totals analysis of the samples would be necessary to assure the public that there are no unacceptable human health risks remaining after the sediments' removal.

Therefore, Solutia recommends that the confirmation samples be analyzed for Totals vs. TCLP.

Thanks for your consideration.

Mike Light

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Forward Header

Subject: Re: Sauget Sediment Removal - Confirmation Sampling Protocol  
Author: "Turner.Kevin@epamail.epa.gov"  
<SMTP:Turner.Kevin@epamail.epa.gov> at  
Exchange  
Date: 11/30/01 9:50 AM

Mike....attached is my letter on this subject. I will deliver a hard copy to the site trailer today. If there are any questions please feel free to call.

(See attached file: Sediment Sampling letter.wpd) (See attached file: SEDIMENT.WPD)

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